

[ACTIVE-MATRIX ORGANIC ELECTROLUMINESCENT DISPLAY PANEL AND FABRICATING METHOD THEREOF]

Abstract

A method for fabricating an active-matrix organic electroluminescent (OEL) display panel is described. A transparent conductive layer is formed on a substrate as a common anode for all organic light emitting diodes (OLED), and a passivation layer is formed on the transparent conductive layer. Thin film transistors are formed on the passivation layer to serve as an active matrix, and openings are formed in the passivation layer to expose portions of the transparent conductive layer and define pixel regions. An organic function layer is formed in each opening, and a metal electrode layer is formed on each organic function layer, wherein the metal electrode layer is electrically connected with the drain of the corresponding thin film transistor.